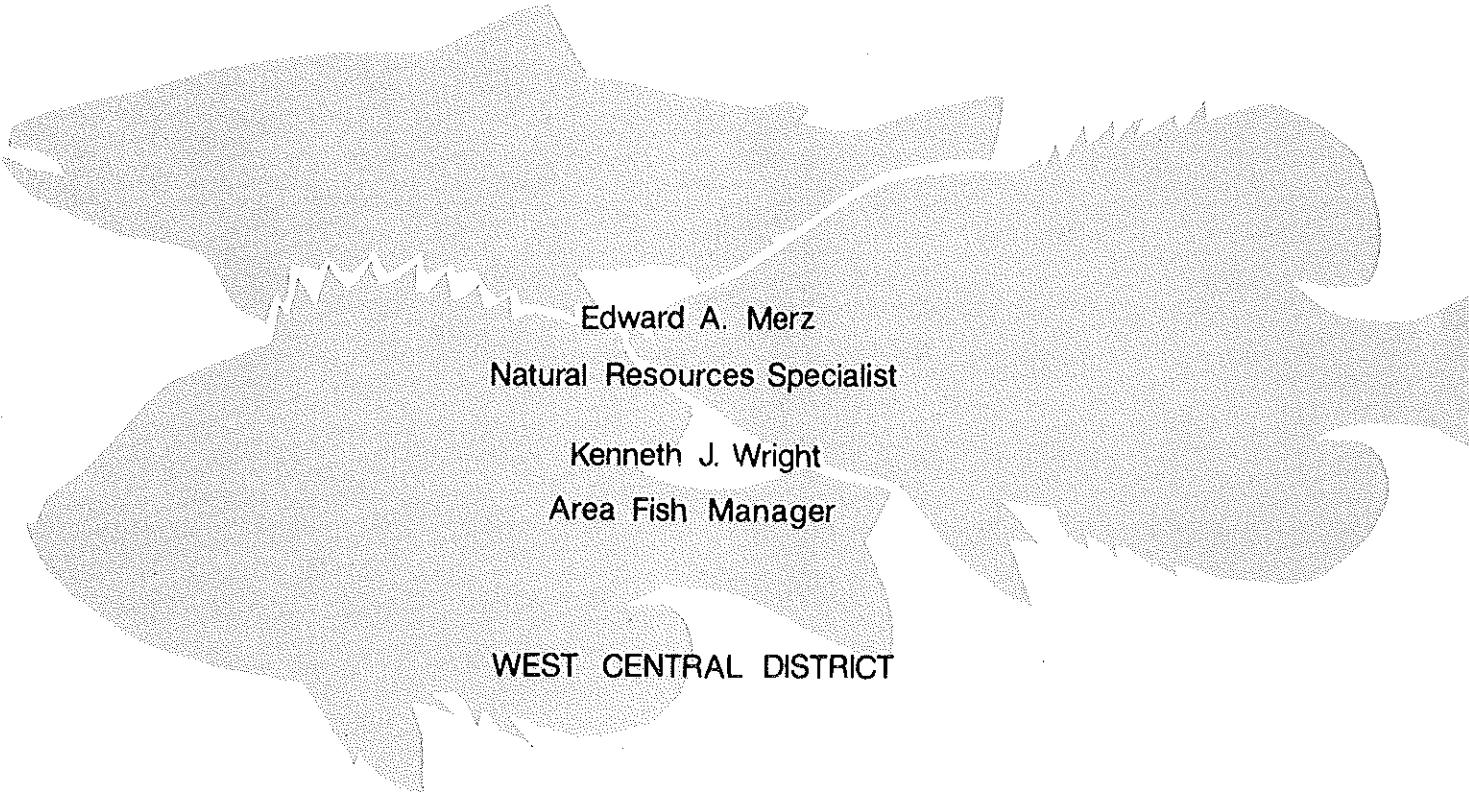


WISCONSIN DEPARTMENT OF NATURAL RESOURCES
DIVISION OF FORESTRY, WILDLIFE AND RECREATION

BUREAU OF FISH AND WILDLIFE MANAGEMENT
Fish Management Section Report Number 70

January, 1974

Mississippi River Special Fall Tailwaters Sport Fishing Creel Census, Pools 7, 8, And 9, October 1, 1973 - November 30, 1973



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ACKNOWLEDGEMENTS

The following personnel of the Wisconsin Department of Natural Resources contributed to the planning and success of the creel census:

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INTRODUCTION

A creel census was conducted in the tailwaters of Pools 7, 8, and 9 from October 1 to November 30, 1973 to evaluate the fishing pressure and harvest. This census was conducted under the auspices of the Fish Technical Section of the Upper Mississippi River Conservation Committee as part of a continuing evaluation of the sport fishery.^{1/}

DESCRIPTION OF THE AREA

Pool 7 is twelve miles long and has an area of 13,600 acres. The pool is impounded by Lock and Dam 7 near Dresbach, Minnesota. The upper boundary of the pool is Lock and Dam 6 located at Trempealeau, Wisconsin. Towns located near Pool 7 are Trempealeau and Onalaska, Wisconsin and Dresbach and Dakota, Minnesota.

Pool 8 extends from Lock and Dam 7, four miles above La Crosse, Wisconsin downstream to Lock and Dam 8 near Genoa, Wisconsin. This pool is 24 miles long and has an area of 21,900 acres. Cities and towns found along this pool are La Crosse, Stoddard, and Genoa, Wisconsin and La Crescent, Brownsville, and Reno, Minnesota.

Pool 9 is 31 miles long and has an area of 30,900 acres. This pool is impounded by Lock and Dam 9 near Lynxville, Wisconsin, with its upper boundary Lock and Dam 8 near Genoa, Wisconsin. Towns located along this pool are Victory, De Soto, Ferryville, and Lynxville, Wisconsin and New Albin and Lansing, Iowa.

The rapid passage of water through the gates of the dams influences the navigation channel for a distance of approximately one-half mile downstream depending upon the volume of water passed. This area is classified as tailwater and is known to provide excellent angling for the larger game fish species.^{2/} It was in these tailwater areas that the 1973 fall sport fishery creel census was conducted.

METHODS

The creel census clerk contacted fishermen in two of the tailwater areas during each eight-hour work day and recorded lengths of all walleye and sauger in the catch.

^{1/} The U.M.R.C.C. is an organization consisting of representatives from Minnesota, Wisconsin, Iowa, Illinois, and Missouri whose objectives are to facilitate cooperation in managing the natural resources of the Mississippi River from Austin, Minnesota to Caruthersville, Missouri.

^{2/} Large game fish consist of walleye, sauger, northern pike, largemouth bass, and smallmouth bass.

To insure a uniform and random census, the work schedule consisted of two consecutive census days followed by one day off, with rotation between morning hours (7:45 a.m. - 11:45 p.m.) and afternoon hours (12:30 p.m. - 4:30 p.m.) and between pools.

The creel census was designed to provide information on the angler and catch, and the relationship of various factors to the catch. Also examined was the impact on the harvest of large game fish of a controversial bait manufactured by Heddon with the trade name "Sonar." There has been some concern expressed by anglers and conservationists over the use of sonar to harvest game fish. These interests fear that (1) sonar may be exceedingly effective in catching large walleye and sauger and (2) that sonar contributes heavily to the foul hooking occurring on the river.

RESULTS

The above factors are discussed below in limited detail. The accompanying tables should be consulted for additional information. The results for each pool are presented separately and then summarized as a group. Comparisons between the pools and between the spring and fall fisheries in 1973 in Pool 7 are made.

Pool 7

The Angler

A total of 426 anglers were contacted on Pool 7 and 93.8 percent were male. The average age of all the anglers was 52.4 years (Table 2).

Over 60 percent of the anglers on Pool 7 were from Wisconsin while 15.5 percent resided in Minnesota and 23.4 percent lived in surrounding states (Table 3a).

Fishing pressure was generated primarily by local fishermen as 57.8 percent traveled less than 50 miles, however, significant numbers of anglers (36.4 percent) traveled over 100 miles to fish Pool 7 (Table 4).

Projected totals indicate that 13,838 hours were spent fishing with 55.0 percent by boat, 4.4 percent from the bank, and 40.6 percent from the barge. October was the most popular month for fishing with 60.9 percent of the total angling effort expended this month (Table 6a).

Walleye and sauger were the primary species sought by anglers (99.5 percent) (Table 7).

The Catch

November, with a catch rate of 1.0138 fish per man-hour, proved to be more productive than October which yielded a rate of 0.8397 fish per man-hour. The average catch rate for the two months was 0.9267 fish per man-hour (Table 9).

Still fishing was the predominate method used accounting for 71.4 percent of the angling time. Anglers were found to be casting the other 28.6 percent (Table 10).

Live baits (almost entirely minnows) were most popular as they were used by 57.5 percent of the anglers. Artificial baits (primarily sonar) were used by 39.7 percent with a combination of live and artificial baits comprising the remaining 2.8 percent.

Sauger was the most abundant species in the catch (76.8 percent). Walleye was the only other species caught in significant numbers (16.8 percent) (Table 11a).

Bank fishing proved to be most productive with a catch rate of 1.1429 fish. Boat anglers compiled a rate of 1.1192 fish per man-hour and barge anglers followed with a rate of 0.7572. The combined rate was 0.9081 fish per man-hour.

Casting yielded a slightly higher overall catch rate (1.0226 fish per man-hour) than still fishing (0.8678 fish per man-hour). Artificial baits produced 1.0118 fish per man-hour while live baits yielded 0.8456 fish per man-hour (Table 12a).

Projected catch data indicate that 2,406 October anglers spent 8,430 hours catching 8,171 fish for a success rate of 0.9693 fish per man-hour. November was more productive as 1,714 anglers caught 5,724 fish in 5,408 hours at a rate of 1.0586 fish per man-hour. The combined totals show 4,120 fishermen catching 13,895 fish in 13,838 hours at a rate of 1.0041 fish per man-hour (Table 13a).

The average lengths of sauger caught during the two months were virtually the same (October: 12.5 inches - November: 12.7 inches) (Tables 17a - 17b).

The average length of walleye caught in October (14.3 inches) was larger than the average size for November (13.5 inches) (Tables 18a - 18b).

Pool 8

The Angler

Males comprised 90.5 percent of the total of 619 anglers interviewed on Pool 8. The average age of all anglers was 51.0 years (Table 2).

Wisconsin residents accounted for 68.3 percent of the anglers contacted, while 22.5 percent lived in other surrounding states and 9.2 percent resided in Minnesota (Table 3b).

Fishing Pool 8 was largely a local endeavor as 69.3 percent of all anglers lived within 50 miles (Table 4).

Projected data indicated that anglers spent 27,116 hours fishing during October and November with 57.8 percent of the effort occurring in October. Boat anglers accounted for 54.7 percent, followed by barge anglers with 32.1 percent and bank anglers with 3.2 percent (Table 6b).

Nearly all anglers (97.3 percent) were seeking walleye and sauger (Table 7).

The Catch

Fishing success was higher in October (0.9266 fish per man-hour) than during November (0.8045 fish per man-hour). The combined rate was 0.8655 fish per man-hour (Table 9).

Still fishing at 61.4 percent was the predominant method, while casting at 38.6 percent was the only other method used (Table 10).

Minnows were the live bait choice of 56.2 percent of the anglers with worms adding another 1.6 percent. Sonar was chosen by 24.1 percent of the fishermen with other artificials contributing 13.7 percent. The remaining 3.2 percent used a combination of live and artificial baits (Table 10).

Sauger was the dominant species in the catch (66.4 percent). Walleye accounted for the bulk of the remainder (25.2 percent) (Table 11b).

Barge fishermen were most successful with a catch rate of 0.9237 fish per man-hour. Bank anglers were next with 0.8371 fish per man-hour followed by boat anglers with 0.8297 fish per man-hour. The combined rate was 0.8755 fish per man-hour.

Still fishing was more productive (0.9209 fish per man-hour) than casting (0.8121). Artificial baits yielded 0.9525 fish per man-hour while live bait produced 0.8121 fish per man-hour (Table 12b).

Projected data indicate that during October, 2,547 fishermen spent 15,662 hours to catch 14,100 fish at a rate of 0.9002 fish per man-hour. November anglers were not quite as successful as 7,119 fishermen caught 9,487 fish in 17,551 hours at a rate of 0.8283 fish per man-hour. Two month totals show 13,094 anglers catching 23,587 fish in 27,116 hours at a rate of 0.8698 fish per man-hour (Table 13b).

The average length of sauger caught in October was 12.5 inches compared to 12.8 inches for November (Tables 17a - 17b).

Walleye averaged 14.7 inches during October and 14.2 inches during November (Tables 18a - 18b).

Pool 9The Angler

A total of 779 anglers were interviewed on Pool 9. Male anglers comprised 89.0 percent of the total. The average age for all anglers was 52.9 years (Table 2).

Nearly 6 $\frac{1}{4}$ percent (63.5 percent) of the fishermen checked reside in Wisconsin. Illinois residents accounted for 22.2 percent while the balance (14.2 percent) was comprised of anglers from other states (Table 3c).

Pool 9 received heavy pressure from anglers who traveled over 100 miles (43.5 percent). Nearly 40 percent (39.3 percent) lived within 50 miles of Pool 9 (Table 4).

Projected totals reveal that fishermen spent 38,906 hours fishing with 66.1 percent of the effort occurring in October. Barge anglers accounted for 57.5 percent of the effort, 23.8 percent from a boat and 18.6 percent from the bank (Table 6c).

Virtually all anglers were after walleye and sauger (98.5 percent) (Table 7).

The Catch

The catch rate in November was 0.8102 fish per man-hour. October was slightly less productive with a rate of 0.7093 fish per man-hour. The two month average was 0.7597 fish per man-hour (Table 9).

Still fishing and casting were the only two methods used. Still fishing was more popular with 65.9 percent of the anglers utilizing that method (Table 10).

Live baits were used by 61.4 percent of the anglers. Artificial baits (almost entirely sonar) were chosen by 34.3 percent with the remainder using artificial lures with live bait attached (Table 10).

Sauger (71.7 percent) and walleye (24.1 percent) dominated the catch. No other species accounted for more than 1 percent of the total catch (Table 11c).

Boat anglers caught fish at a rate of 0.7950 fish per man-hour. Barge anglers followed closely with a rate of 0.7508 fish per man-hour. Bank fishermen followed with 0.6958 fish per man-hour. The combined rate was 0.7506 fish per man-hour.

Casting was slightly more productive (0.7536 fish per man-hour) than still fishing (0.7482 fish per man-hour). Artificial lures yielded 0.8299 fish per man-hour while live bait produced 0.6997 fish per man-hour (Table 12c).

Projected data indicate that 7,254 October anglers spent 25,331 hours to catch 17,832 fish at a rate of 0.7093 fish per man-hour. In November, 2,947 fishermen caught 10,929 fish in 13,175 hours at a rate of 0.8295 fish per man-hour. The combined totals show 10,201 anglers fishing for 38,506 hours to catch 28,761 fish at a rate of 0.7469 fish per man-hour (Table 13c).

The average sauger caught on Pool 9 in October was 12.5 inches long. Sauger taken in November were slightly larger (13.0 inches) (Tables 17a - 17b).

Walleye caught during October and November averaged 14.9 inches in length (Tables 18a - 18b).

Pools 7, 8, and 9 Combined

The Angler

A total of 1,824 anglers were contacted on the three tailwater areas. Nearly 80 percent (79.9 percent) of these were male. The average age for all anglers was 52.1 years with 75.8 percent over 40 years of age (Table 2).

Over sixty percent (64.2 percent) of the anglers were Wisconsin residents. Fishermen from Illinois, Iowa, and Minnesota accounted for most of the remainder.

While 53.7 percent of the anglers traveled less than 50 miles to fish, over 34.0 percent (34.4 percent) of the anglers traveled over 100 miles to fish the tailwater areas (Table 4).

The average fishing trip lasted 3.4 hours. Bank anglers spent an average of 5.5 hours, followed by those from a barge (4.3 hours) and boat anglers (2.7 hours) (Table 5).

Projected data show anglers spent 79,859 hours fishing in the three tailwater areas during the two month period. Of the total, 46.0 percent was from a barge, 43.1 percent from a boat, and 10.9 percent from the bank (Table 6d).

Nearly all anglers (98.2 percent) interviewed were seeking walleye and sauger (Table 7).

Private access was slightly more popular (54.5 percent) than public sites (45.5 percent). The fishing barges accounted for the majority of the private usage (Table 8d).

The Catch

November, with a catch rate of 0.8761 fish per man-hour was slightly more productive than October (0.8252 fish per man-hour). The combined average for the two months for the three pools was 0.8506 fish per man-hour (Table 9).

More anglers chose still fishing (65.6 percent) than casting (34.3 percent) as their fishing method. Nearly 60.0 percent (59.5 percent) of the fishermen used live bait, while 36.8 percent used artificial bait (27.5 percent used sonar) and 3.5 percent chose a combination of artificial and live baits (Table 10).

Boat fishermen caught fish at a rate of 0.8124 fish per man-hour. Barge anglers (0.7573 fish per man-hour) and bank anglers (0.0696 fish per man-hour) were less successful (Table 11d).

Still fishing was more productive (1.1339 fish per man-hour) than casting (0.7604 fish per man-hour). Catch rates with the various baits ranged from a high of 1.2545 fish per man-hour with flies to a low of 0.7113 fish per man-hour with worms. Live and artificial baits yielded 0.7703 and 0.9148 fish per man-hour, respectively. A combination of artificial and live baits were successful with a rate of 0.9384 fish per man-hour (Table 12d).

Projected two month figures indicate that 13,016 boat anglers caught 30,185 fish in 34,027 hours at a rate of 0.8870 fish per man-hour. A total of 12,540 barge fishermen caught 28,851 fish in 36,710 hours at 0.7859 fish per man-hour. The 1,859 bank anglers took 7,207 fish in 8,722 hours at 0.8263 fish per man-hour. The combined totals show 27,415 fishermen caught 66,243 fish in 79,459 hours at a rate of 0.8336 fish per man-hour (Table 13d).

Sauger caught during the two months averaged 12.7 inches in length. Over 54 percent (54.3 percent) were less than 13.0 inches long (Tables 17a - 17b).

Walleye averaged 14.4 inches with 25.7 percent smaller than 13.0 inches (Tables 18a - 18b).

The catch rate with sonar for walleye and sauger (0.8831 fish per man-hour) was slightly above the average rate for all baits (0.8289 fish per man-hour) (Table 12d). The average length of sauger caught with sonar was 12.8, compared with a 12.6 inch average for all baits (Table 15). Walleye taken with sonar (14.1 inches) averaged slightly less than those taken by all other baits (14.3 inches) (Table 16). "Lunker" walleye (those over 20.0 inches) comprised 1.8 percent of the sonar catch while 2.4 percent of the fish caught by all baits were over 20.0 inches long (Tables 17a - 17b).

Some Comparisons Between Pools 7, 8, and 9

Pool 8 received the greatest fishing pressure, followed by Pools 9 and 7 (Table 20).

The catch rate in Pool 7 (0.9267 fish per man-hour) was greater than the rate in both Pool 8 (0.8655 fish per man-hour) and Pool 9 (0.7597 fish per man-hour).

Projected data indicate that Pool 9 yielded more walleye and sauger than the other two pools.

The average length of all sauger caught during the two months was 12.6 inches in Pool 7, 12.7 inches in Pool 8, and 12.8 inches in Pool 9. Walleye averaged 13.9 inches in Pool 7, 14.5 inches in Pool 8, and 14.9 inches in Pool 9.

Some Comparisons Between the 1973 Spring and Fall Tailwater Sport Fishery in Pool 7

A similar creel census was conducted in the Pool 7 tailwater during March and April 1973. It appears valuable to make some comparisons between the spring and fall fisheries.

Over 65 percent of the fishing pressure occurred during April and October. The less favorable weather of March and November probably discouraged fishing activity in those months (Table 19).

Spring fishermen caught a projected 8,734 walleye and sauger while fall anglers creeled 13,120.

Fall fishermen captured walleye and sauger at a rate of 0.8511 fish per man-hour. Spring fishing yielded a significantly lower rate of 0.5437 fish per man-hour.

The average size of walleye and sauger was similar for both fisheries. Fall walleye were slightly larger (13.9 inches) than the spring walleye (12.7 inches). Sauger averaged 12.6 inches during both periods.

The number of "lunker" walleye entering the catch was very small during both seasons.

APPENDIX

9.

Table 1.

AGE COMPOSITION OF ANGLERS FISHING POOLS 7, 8, AND 9

Age	Male		Female		Combined	
	No.	%	No.	%	No.	%
6 - 12	24	1.5 ^{1/}	4	2.4 ^{2/}	28	1.5 ^{3/}
13 - 19	25	1.5	-	-	25	1.4
20 - 26	65	3.9	6	3.5	71	3.9
27 - 33	127	7.7	8	4.7	135	7.4
34 - 40	166	10.0	18	10.6	184	10.1
41 - 47	194	11.7	17	10.0	211	11.6
48 - 54	246	14.9	24	14.1	270	14.8
55 - 61	260	15.7	38	22.4	298	16.3
62 - 68	329	19.9	43	25.3	372	20.4
69 - 74	149	9.0	11	6.5	160	8.8
75 - 81	55	3.3	1	0.6	56	3.1
82 - 89	14	0.8	-	-	14	0.8
Total	1,654		170		1,824	

^{1/} Percent taken from total of male anglers only.^{2/} Percent taken from total of female anglers only.^{3/} Percent taken from total of both sexes combined.

Table 2.

COMPOSITION OF A GEAR ENGAGED IN DIFFERENT TYPES OF FISHING

Pool Number	Sex	TYPE OF FISHING					
		Boat Anglers		Bank Anglers		Barge Anglers	
No.	Avg. Age	No.	Avg. Age	No.	Avg. Age	No.	Avg. Age
Pool 7	Male	226	56.1	5	63.8	169	47.3
	Female	7	50.7	-	-	19	51.1
	Combined	233	56.0	5	63.8	188	47.7
Pool 8	Male	338	49.7	1	65.0	221	52.9
	Female	26	48.0	-	-	33	54.5
	Combined	364	49.6	1	65.0	254	53.1
Pool 9	Male	215	51.7	132	55.5	347	52.4
	Female	13	53.2	24	60.9	48	51.0
	Combined	227	51.8	156	56.4	395	52.2
All Pools Combined	Male	779	52.5	138	61.4	737	49.6
	Female	46	50.6	24	60.9	100	52.2
	Combined	825	52.4	162	61.3	837	51.0

Table 3a.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 7 TAILWATERS

WISCONSIN			MINNESOTA			OTHER STATES		
County	No.	Percent of Total	County	No.	Percent of Total	State	No.	Percent of Total
Adams	2	0.5	Fillmore	1	0.2	Illinois	79	18.5
Buffalo	1	0.2	Hennepin	1	0.2	Iowa	18	4.2
Clark	1	0.2	Houston	8	1.9	Michigan	1	0.2
Eau Claire	2	0.5	Mower	5	1.2	Others	2	0.5
Iowa	1	0.2	Ramsey	15	3.5			
Jackson	8	1.9	Winona	29	6.8			
Kenosha	4	0.9	Other	7	1.4			
La Crosse	78	18.3						
Marathon	2	0.5						
Marquette	2	0.5						
Milwaukee	19	4.5						
Monroe	8	1.9						
Ozaukee	1	0.2						
Racine	8	1.9						
Rock	3	0.7						
Trempealeau	115	27.0						
Waukesha	3	0.7						
Wood	2	0.5						
Total	260	61.0				66	15.5	100
								23.4

Table 3b.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 8 TAILWATERS

WISCONSIN			MINNESOTA			OTHER STATES		
County	No.	Percent of Total	County	No.	Percent of Total	State	No.	Percent of Total
Columbia	2	0.3	Fillmore	7	1.1	Illinois	100	16.2
Dane	3	0.5	Houston	40	6.5	Indiana	2	0.3
Dodge	2	0.3	Olmstead	1	0.2	Iowa	35	5.7
Jackson	3	0.5	Steele	3	0.5	Others	2	0.3
Juneau	4	0.6	Winona	6	1.0			
Kenosha	3	0.5						
La Crosse	255	41.2						
Marathon	1	0.2						
Milwaukee	8	1.3						
Monroe	101	16.3						
Racine	5	0.8						
Richland	3	0.5						
Rock	1	0.2						
Sauk	9	1.5						
Trempealeau	2	0.3						
Vernon	19	3.1						
Wood	2	0.3						
Total	423	68.3						
				57	9.2		139	22.5

Table 3c.

STATE AND COUNTY OF ORIGIN FOR ANGLERS FISHING POOL 9 TAILWATERS

WISCONSIN			MINNESOTA			OTHER STATES		
County	No.	Percent of Total	County	No.	Percent of Total	State	No.	Percent of Total
Adams	2	0.3	Fillmore	2	0.3	Illinois	173	22.2
Ashland	1	0.1	Freeborn	2	0.3	Indiana	7	0.9
Crawford	10	1.3	Houston	5	0.6	Iowa	85	10.9
Dane	26	3.3	Mower	1	0.1	Michigan	2	0.3
Fond du Lac	2	0.3	Other	1	0.1	Missouri	2	0.3
Grant	6	0.8				Others	4	0.5
Green	15	1.9						
Iowa	13	1.7						
Jackson	1	0.1						
Jefferson	3	0.4						
Juneau	8	1.0						
Kenosha	3	0.4						
La Crosse	88	11.3						
Lafayette	4	0.5						
Milwaukee	11	1.4						
Monroe	12	1.5						
Oneida	2	0.3						
Racine	61	7.8						
Richland	35	4.5						
Rock	23	3.0						
Sauk	14	1.8						
Sheboygan	2	0.3						
Trempealeau	3	0.4						
Vernon	140	18.0						
Walworth	3	0.4						
Washington	1	0.1						
Waukesha	3	0.4						
Waushara	1	0.1						
Wood	2	0.3						
Total	495	63.5				11	1.4	35.0
						273		

Table 4.

DISTANCES TRAVELED BY INTERVIEWED ANGLERS FISHING POOLS 7, 8, AND 9.

POOL NUMBER	MILEAGE ZONES							Total Anglers Interviewed	
	Zone 1	Zone 2	Zone 3	Zone 4	Zone 5	Zone 6	Zone 7	Zone 8	Zone 9
Up to 25	26-50	51-75	76-100	101-125	126-150	151-250	251-500	Over 500	
No.	215	31	8	17	26	5	116	5	3
Pool 7 %	50.5	7.3	1.9	4.0	6.1	1.2	27.2	1.2	426
No.	303	126	23	28	16	11	107	3	2
Pool 8 %	48.9	20.4	3.7	4.5	2.6	1.8	17.3	0.5	619
No.	205	101	44	90	48	86	184	10	11
Pool 9 %	26.3	13.0	5.6	11.6	6.2	11.0	23.6	1.3	14
All Pools Combined %	723	258	75	135	90	102	407	18	16
	39.6	14.1	4.1	7.4	4.9	5.5	22.3	0.9	1,824

Table 5.

SUMMARY OF COMPLETED FISHING TRIPS BY TYPE OF FISHING POOLS 7, 8, AND 9

POOL NUMBER	BOAT			BANK			BARGE			TOTAL FOR OPEN WATER		
	Total Hours	Total Anglers	Avg. No. Hours	Total Hours	Total Anglers	Avg. No. Hours	Total Hours	Total Anglers	Avg. No. Hours	Total Hours	Total Anglers	Avg. No. Hours
Pool 7	15.5	5	3.1	0	0	0	7.5	2	3.8	23.0	7	3.3
Pool 8	29.5	11	2.7	0	0	0	33.5	8	4.2	63.0	19	3.3
Pool 9	12.0	5	2.4	5.5	1	5.5	19.5	4	4.9	37.0	10	3.7
Total	57.0	21	2.7	5.5	1	5.5	60.5	14	4.3	123.0	36	3.4

Table 6a.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 7 BY TYPE OF FISHING AND MONTH

MONTH	TYPE OF FISHING						Total
	Boat	Bank	No. Hours	Percent ^{1/}	No. Hours	Percent ^{2/}	
October	3,597.2	42.7	558.0	6.6	4,274.7	50.7	8,429.9
November	4,011.0	74.2	51.7	0.9	1,345.0	24.9	5,407.7
Total Hours	7,608.2	55.0 ^{3/}	609.7	4.4	5,619.7	40.6	13,837.6

^{1/} Percentage by type of fishing for month.^{2/} Percentage by month for the two month period.^{3/} Percentage by type of fishing for the two month period.

Table 6b.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 8 BY TYPE OF FISHING AND MONTH

MONTH	TYPE OF FISHING						Total
	Boat	Bank		Barge			
No. Hours	Percent ^{1/}	No. Hours	Percent	No. Hours	Percent	No. Hours	Percent ^{2/}
October	8,382.0	53.5	860.0	5.5	6,420.0	41.0	15,662.0
November	9,169.0	80.1	-	-	2,284.5	19.9	11,453.5
Total Hours	17,551.0	65.7 ^{3/}	860.0	3.2	8,704.5	32.1	27,115.5

^{1/} Percentage by type of fishing for month.^{2/} Percentage by month for the two month period.^{3/} Percentage by type of fishing for the two month period.

Table 6c.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING POOL 9 BY TYPE OF FISHING AND MONTH

MONTH	TYPE OF FISHING						Total
	Boat	Bank	No. Hours	Percent ^{1/}	No. Hours	Percent ^{2/}	
October	4,775.0	18.6	6,160.0	23.9	14,796.0	57.5	25,731.0
November	4,493.0	34.1	1,092.0	8.3	7,590.0	57.6	13,175.0
Total Hours	9,268.0	23.83/	7,252.0	18.6	22,386.0	57.5	38,906.0

^{1/} Percentage by type of fishing for month.^{2/} Percentage by month for the two month period.^{3/} Percentage by type of fishing for the two month period.

Table 6d.

TOTAL PROJECTED NUMBER OF HOURS SPENT FISHING ALL POOLS BY TYPE OF FISHING AND MONTH

MONTH	TYPE OF FISHING						Total
	Boat		Bank		Barge		
No. Hours	Percent ^{1/}	No. Hours	Percent	No. Hours	Percent	No. Hours	Percent ^{2/}
October	16,754.2	33.6	7,578.0	15.2	25,490.7	51.2	49,822.9
November	17,673.0	58.8	1,143.7	3.8	11,219.5	37.4	30,036.2
Total Hours	34,427.2	43.1 ^{3/}	8,721.7	10.9	36,710.2	46.0	79,859.1

^{1/} Percentage by type of fishing for month.^{2/} Percentage by month for the two month period.^{3/} Percentage by type of fishing for the two month period.

Table 7.

PRIMARY SPECIES SOUGHT BY ANGLERS FISHING POOLS 7, 8, AND 9

SPECIES	Pool 7			Pool 8			Pool 9			Summary For All Pools		
	No.	%	No.	%	No.	%	No.	%	No.	%	No.	%
Walleye-Sauger	424	99.5	600	97.3	768	98.5	1,792	98.2				
Walleye-Northern Pike	-	-	2	.3	-	-	-	-	2	0.1		
Walleye-Bass	-	-	1	.1	-	-	-	-	1	0.1		
Walleye-Crappie	-	-	1	.1	-	-	-	-	1	0.1		
Walleye-Panfish	-	-	-	-	2	.3	2	0.2	2	0.2		
Channel Catfish	-	-	2	.3	3	0.4	5	0.3				
Bluegill	-	-	4	.6	-	-	4	0.2				
Panfish	1	.2	1	.1	2	0.3	4	0.2				
Any Species	1	.2	8	1.2	4	0.5	13	0.7				
TOTAL	426		619		779		1,824					

Table 8a.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 7

WISCONSIN			MINNESOTA			TOTAL		
Public Sites	Number	Percent	Public Sites	Number	Percent	Number	Percent	
Trempealeau Landing	181	42.5	0	0	0	All public sites	186	43.6
Third Lake	1	0.2	0	0	0	All private sites	239	56.1
Other public landings	4	0.9	0	0	0	Unknown sites	1	.3
Total	186	43.6	0	0	0		426	

Table 8b.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 8

WISCONSIN			MINNESOTA			TOTAL		
Public Sites	Number	Percent	Public Sites	Number	Percent	Number	Percent	
Riverside Park	1	0.2	Minnesota highway landing	191	30.9	All public sites	292	47.3
Pettibone	1	0.2	I-90 landing	99	16.0	All private sites	327	52.7
Total	2	0.4		290	46.9		619	

Table 8c.

USE OF ACCESS SITES BY ANGLERS INTERVIEWED IN POOL 9

WISCONSIN			TOTAL		
Public Site	Number	Percent	Sites	Number	Percent
Genoa Power Plant landing	189	24.2	All public sites	352	45.1
Highway 35 landing	163	20.9	All private sites	427	54.9
TOTAL	352	45.1		779	

Table 8d.

COMBINED USE OF ACCESS SITES BY INTERVIEWED
ANGLERS FISHING POOLS 7, 8, AND 9

	Number	Percent
TOTAL FOR ALL PUBLIC SITES	830	45.5
TOTAL FOR ALL PRIVATE SITES	993	54.5
TOTAL FOR ALL SITES	1,823	

Table 9.

MONTHLY CATCH PER MAN-HOUR OF FISHING FOR POOLS 7, 8, AND 9

Pool Number	MONTH		
	October	November	Average
Pool 7	0.8397	1.0138	0.9267
Pool 8	0.9266	0.8045	0.8655
Pool 9	0.7093	0.8102	0.7597
Average of all pools combined	0.8252	0.8761	0.8506

Table 10.

ACTUAL NUMBER OF ANGLERS BY FISHING METHODS AND LURES USED IN EACH POOL

METHOD AND LURE	Pool 7		Pool 8		Pool 9		Total All Pools	
	No.	%	No.	%	No.	%	No.	%
<u>Method</u>								
Casting	122	28.6	239	38.6	266	34.1	627	34.3
Still Fishing	304	71.4	380	61.4	513	65.9	1,197	65.6
TOTAL	426		619		779		1,824	
<u>Lure</u>								
Worms	5	1.2	10	1.6	23	3.0	38	2.1
Minnows	236	55.4	348	56.2	447	57.4	1,031	56.5
Other Live Bait	4	0.9	5	0.8	8	1.0	17	0.9
TOTAL LIVE BAIT	245	57.5	363	58.8	478	61.4	1,086	59.5
Prepared Bait	-	-	2	0.3	3	0.4	5	0.3
Jigs	8	1.9	56	9.0	52	6.7	116	6.4
Flies	9	2.1	8	1.3	3	0.4	20	1.1
Other Artificial	1	0.2	21	3.4	11	1.4	33	1.8
Sonar	151	35.5	149	24.1	201	25.8	501	27.5
TOTAL ARTIFICIAL	169	39.7	234	37.8	267	34.3	670	36.8
MULTIPLE LIVE AND ARTIFICIAL	12	2.8	20	3.2	31	4.0	63	3.5
TOTAL	426		619		779		1,824	

Table 11a.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 7

SPECIES	BOAT		BANK		BARGE		TOTAL	
	Number of Fish	Fish Per Man-Hour						
Northern Redhorse	1	0.0022	-	-	-	-	1	0.0009
Carp	1	0.0022	-	-	1	0.0016	2	0.0018
Channel Catfish	1	0.0022	-	-	2	0.0031	3	0.0027
Flathead Catfish	-	-	-	-	1	0.0016	1	0.0009
Northern Pike	-	-	-	-	1	0.0016	1	0.0009
White Bass	1	0.0022	-	-	1	0.0016	2	0.0018
Yellow Perch	-	-	-	-	7	0.0109	7	0.0063
Sauger	398	0.8786	5	0.7143	368	0.5710	771	0.6981
Walleye	81	0.1788	3	0.4286	85	0.1319	169	0.1530
Smallmouth Bass	-	-	-	-	1	0.0016	1	0.0009
Bluegill	-	-	-	-	2	0.0031	2	0.0018
Rock Bass	-	-	-	-	4	0.0062	4	0.0036
White Crappie	1	0.0022	-	-	1	0.0016	2	0.0018
Black Crappie	21	0.0464	-	-	9	0.0140	30	0.0272
Drum - Sheepshead	2	0.0044	-	-	5	0.0078	7	0.0063
Total Fish Caught	507	1.1192	8	1.1429	488	0.7572	1,003	0.9081
Total Hours Fished	453.0		7.0		644.5		1,104.5	

Table IIb.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 8

SPECIES	BOAT		BANK		BARGE		TOTAL	
	Number of Fish	Fish Per Man-Hour						
Northern Redhorse	-	-	-	-	2	0.0023	2	0.0011
Channel Catfish	8	0.0086	-	-	1	0.0011	9	0.0050
Flathead Catfish	1	0.0011	-	-	3	0.0034	4	0.0022
Northern Pike	-	-	-	-	2	0.0023	2	0.0011
White Bass	-	-	-	-	32	0.0363	32	0.0176
Yellow Perch	4	0.0043	-	-	23	0.0261	27	0.0149
Sauger	525	0.5650	3	0.8571	527	0.5973	1,055	0.5813
Walleye	215	0.2314	-	-	185	0.2097	400	0.2204
Largemouth Bass	1	0.0011	-	-	-	-	1	0.0006
Bluegill	2	0.0022	-	-	7	0.0079	9	0.0050
Rock Bass	1	0.0011	-	-	3	0.0034	4	0.0022
White Crappie	2	0.0022	-	-	1	0.0011	3	0.0017
Black Crappie	5	0.0054	-	-	24	0.0272	29	0.0160
Drum - Sheepshead	7	0.0075	-	-	5	0.0057	12	0.0066
Total Fish Caught	771	0.8297	3	0.8571	815	0.9237	1,589	0.8755
Total Hours Fished	929.2		3.5		882.3		1,815.0	

Table IIc.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOL 9

SPECIES	BOAT		BANK		BARGE		TOTAL
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	
Channel Catfish	2	0.0039	1	0.0022	-	-	3
Flathead Catfish	2	0.0039	1	0.0022	1	0.0008	4
Northern Pike	-	-	4	0.0088	4	0.0033	8
White Bass	-	-	15	0.0330	2	0.0016	17
Yellow Perch	-	-	3	0.0066	3	0.0025	6
Sauger	276	0.5338	241	0.5308	660	0.5428	1,177
Walleye	124	0.2398	37	0.0815	232	0.1908	393
Largemouth Bass	1	0.0019	-	-	-	-	0.0005
Bluegill	1	0.0019	-	-	2	0.0016	3
White Crappie	1	0.0019	-	-	-	-	0.0005
Black Crappie	4	0.0077	1	0.0022	6	0.0049	11
Drum - Sheepshead	-	-	13	0.0286	3	0.0025	16
Total Fish Caught	411	0.7950	316	0.6958	913	0.7508	1,640
Total Hours Fished	517.0		454.0		1,216.0		2,187.0
							0.7499

Table 11d.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT BY TYPE OF FISHING ON POOLS 7, 8, AND 9

SPECIES	BOAT			BANK			BARGE			TOTAL	
	Number of Fish	Fish Per Man-Hour									
Northern Redhorse	1	0.0005	-	-	2	0.0007	3	0.0005	3	0.0005	
Carp	1	0.0005	-	-	1	0.0004	2	0.0003	2	0.0003	
Channel Catfish	11	0.0057	1	0.0021	3	0.0010	15	0.0029	15	0.0029	
Flathead Catfish	3	0.0015	1	0.0021	5	0.0018	9	0.0017	9	0.0017	
Northern Pike	-	-	4	0.0086	7	0.0025	11	0.0021	11	0.0021	
White Bass	1	0.0005	15	0.0323	35	0.0128	51	0.0099	51	0.0099	
Yellow Perch	4	0.0021	3	0.0064	33	0.0120	40	0.0078	40	0.0078	
Sauger	1,199	0.6314	249	0.5354	1,555	0.5668	3,003	0.5880	3,003	0.5880	
Walleye	420	0.2212	40	0.0860	502	0.1830	962	0.1884	962	0.1884	
Smallmouth Bass	-	-	-	-	1	0.0004	1	0.0001	1	0.0001	
Largemouth Bass	2	0.0010	-	-	-	-	-	-	2	0.0003	
Bluegill	3	0.0015	-	-	11	0.0040	14	0.0027	14	0.0027	
Rock Bass	1	0.0005	-	-	7	0.0025	8	0.0015	8	0.0015	
White Crappie	4	0.0021	-	-	2	0.0007	6	0.0011	6	0.0011	
Black Crappie	30	0.0158	1	0.0021	39	0.0142	70	0.0137	70	0.0137	
Drum - Sheepshead	9	0.0047	13	0.0640	13	0.0047	35	0.0068	35	0.0068	
Total Fish Caught	1,689	0.8894	327	0.7032	2,216	0.8078	4,232	0.8286	4,232	0.8286	
Total Hours Fished	1,899.2		464.5		2,743.3		5,107.0		5,107.0		

Table 12a.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 7

SPECIES	METHOD			LURE				
	Casting	Still Fishing	Worms	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	
Northern Redhorse	-	1	0.0012	1	0.1176	-	-	
Carp	-	2	0.0024	-	-	-	-	
Channel Catfish	1	0.0035	2	0.0024	-	3	0.0047	
Flathead Catfish	1	0.0035	-	-	-	1	0.0016	
Northern Pike	-	1	0.0012	-	-	-	-	
White Bass	-	2	0.0024	-	-	-	-	
Yellow Perch	-	7	0.0086	3	0.3529	2	0.0031	
Sauger	228	0.7930	543	0.6646	4	420	0.6547	
Walleye	43	0.1496	126	0.1542	2	0.2353	77	0.1200
Smallmouth Bass	-	1	0.0012	-	-	1	0.0016	
Bluegill	-	2	0.0024	2	0.2353	-	-	
Rock Bass	-	4	0.0049	-	-	4	0.0062	
White Crappie	-	2	0.0024	1	0.1176	-	-	
Black Crappie	21	0.0730	9	0.0110	1	0.1176	28	0.0436
Drum - Sheepshead	-	7	0.0086	-	-	5	0.0078	
Total Fish Caught	294	1.0226	709	0.8678	14	1.6471	541	0.8433
Total Hours Fished	287.5		817.0		8.5		641.5	

Table 12a. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 7

SPECIES	LURE				Number of Fish	Number of Fish	Number of Fish	Number of Fish
	Other Live Bait	Total Live Bait	Sonar	Jig				
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour				
Northern Redhorse	-	-	1	0.0015	-	-	-	-
Carp	-	-	-	-	2	0.0054	-	-
Channel Catfish	-	-	3	0.0045	-	-	-	-
Flathead Catfish	-	-	1	0.0015	-	-	-	-
Northern Pike	-	-	-	-	1	0.0027	-	-
White Bass	-	-	-	-	2	0.0054	-	-
Yellow Perch	-	-	5	0.0075	2	0.0054	-	-
Sauger	11	0.5366	435	0.6488	266	0.7228	19	1.1515
Walleye	1	0.0488	80	0.1193	79	0.2147	4	0.2424
Smallmouth Bass	-	-	1	0.0015	-	-	-	-
Bluegill	-	-	2	0.0030	-	-	-	-
Rock Bass	-	-	4	0.0060	-	-	-	-
White Crappie	-	-	1	0.0015	1	0.0027	-	-
Black Crappie	-	-	29	0.0433	1	0.0027	-	-
Drunt - Sheepshead	-	-	5	0.0075	2	0.0054	-	-
Total Fish Caught	12	0.5854	567	0.8456	356	0.9674	23	1.3939
Total Hours Fished	20.5		670.5		368.0		16.5	

Table 12a. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 7

SPECIES	LURE						Total
	FLY	Other Artificial	Total Artificial	Number Fish Per Man-Hour	Fish Per Man-Hour	Number Fish Per Man-Hour	
	Number Fish Man-Hour	Number Fish Man-Hour	Number Fish Man-Hour	Number Fish Man-Hour	Fish Per Man-Hour	Number Fish Man-Hour	
Northern Redhorse	-	-	-	-	-	-	1 0.0009
Carp	-	-	-	2	0.0048	-	2 0.0018
Channel Catfish	-	-	-	-	-	-	3 0.0027
Flathead Catfish	-	-	-	-	-	-	1 0.0009
Northern Pike	-	-	-	1	0.0024	-	1 0.0009
White Bass	-	-	-	2	0.0048	-	2 0.0018
Yellow Perch	-	-	-	2	0.0048	-	7 0.0063
Sauger	30 1.3636	6 1.0000	321 0.7772	15	0.6976	771 0.6977	
Walleye	3 0.1363	-	86 0.2082	3	0.1395	169 0.1529	
Smallmouth Bass	-	-	-	-	-	-	1 0.0009
Bluegill	-	-	-	-	-	-	2 0.0018
Rock Bass	-	-	-	-	-	-	4 0.0036
White Crappie	-	-	-	1	0.0024	-	2 0.0018
Black Crappie	-	-	-	1	0.0024	-	30 0.0271
Drum - Sheepshead	-	-	-	2	0.0048	-	7 0.0063
Total Fish Caught	33 1.5000	6 1.000	418 1.0118	18	0.8372	1,003 0.9077	
Total Hours Fished	22.0	6.0	412.5	21.5			1,104.5

Table 12b.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 8

SPECIES	METHOD				LURE			
	Casting	Still Fishing	Worms	Minnows	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
Northern Redhorse	-	-	0.0299	-	-	-	-	-
Channel Catfish	-	-	-	-	-	-	-	-
Flathead Catfish	-	-	-	-	-	-	2	0.0020
Northern Pike	-	-	-	-	-	-	1	0.0010
White Bass	5	0.0066	0.0255	11	0.3284	18	0.0177	
Yellow Perch	15	0.0198	0.0113	1	0.0299	13	0.0128	
Sauger	363	0.4793	0.6542	9	0.2687	602	0.5930	
Walleye	228	0.3011	0.1626	5	0.1493	142	0.1399	
Largemouth Bass	-	-	0.0009	-	-	-	1	0.0010
Bluegill	1	0.0013	0.0076	-	-	-	9	0.0089
Rock Bass	-	-	0.0038	-	-	-	4	0.0039
White Crappie	1	0.0013	0.0019	-	-	-	3	0.0030
Black Crappie	2	0.0026	0.0255	5	0.1493	20	0.0197	
Drum - Sheepshead	-	-	0.0113	2	0.0597	2	0.0020	
Total Fish Caught	615	0.8121	0.9209	34	1.0149	817	0.8048	
Total Hours Fished	757.3			33.5		1,015.2		

Table 12b. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 8

SPECIES	LURE						FLY			
	Other Live Bait	Total Live Bait	Sonar	Tig	Fish Per Man-Hour	Number of Fish	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
	Number of Fish Man-Hour	Fish Per Man-Hour	Number of Fish Man-Hour	Fish Per Man-Hour	Number of Fish Man-Hour	Fish Per Man-Hour	Number of Fish Man-Hour	Fish Per Man-Hour	Number of Fish Man-Hour	Fish Per Man-Hour
Northern Redhorse	-	1	0.0009	-	-	1	0.0054	-	-	-
Channel Catfish	2	0.0714	1	0.0009	-	-	-	-	-	-
Flathead Catfish	-	-	2	0.0019	1	0.0025	-	-	1	0.0454
Northern Pike	-	-	1	0.0009	1	0.0025	-	-	-	-
White Bass	-	-	29	0.0273	-	-	1	0.0054	-	-
Yellow Perch	-	-	14	0.0132	1	0.0025	6	0.0325	-	-
Sauger	5	0.3571	616	0.5797	259	0.6582	97	0.5257	20	0.9090
Walleye	6	0.4286	153	0.1440	102	0.2592	78	0.4227	5	0.2272
Largemouth Bass	-	-	1	0.0009	-	-	-	-	-	-
Bluegill	-	-	9	0.0085	-	-	-	-	-	-
Rock Bass	-	-	4	0.0038	-	-	-	-	-	-
White Crappie	-	-	3	0.0028	-	-	-	-	-	-
Black Crappie	-	-	25	0.0235	-	-	-	-	4	0.1818
Drum - Sheepshead	-	-	4	0.0038	6	0.0152	-	-	2	0.0909
Total Fish Caught	12	0.8571	863	0.8121	370	0.9403	183	0.9919	32	1.4545
Total Hours Fished	14.0	1,062.7	393.5				184.5		22.0	

Table 12b. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 8

SPECIES	LURE						Number of Fish Man-Hour	Number Fish Per Man-Hour	Number Fish Per Man-Hour	Number Fish Per Man-Hour	Total
	Other Artificial	Total Artificial	Number Fish Per of Fish Man-Hour	Number Fish Per of Fish Man-Hour	Multiple Live and Artificial	Prepared					
Northern Redhorse	-	-	1.	0.0015	-	-	-	-	-	2	0.0003
Channel Catfish	-	-	-	-	-	-	8	2.0000	9	0.0035	
Flathead Catfish	-	-	2	0.0030	-	-	-	-	-	4	0.0015
Northern Pike	-	-	1	0.0015	-	-	-	-	-	2	0.0007
White Bass	1	0.0151	2	0.0030	1	0.0121	-	-	-	32	0.0125
Yellow Perch	-	-	7	0.0105	6	0.0727	-	-	-	27	0.0109
Sauger	17	0.2583	393	0.5900	46	0.5575	-	-	-	1,055	0.4132
Walleye	30	0.4559	215	0.3250	32	0.3878	-	-	-	400	0.1566
Largemouth Bass	-	-	-	-	-	-	-	-	-	1	0.0003
Bluegill	-	-	-	-	-	-	-	-	-	9	0.0035
Rock Bass	-	-	-	-	-	-	-	-	-	4	0.0015
White Crappie	-	-	-	-	-	-	-	-	-	3	0.0011
Black Crappie	-	-	4	0.0060	-	-	-	-	-	29	0.0113
Drum - Sheepshead	-	-	8	0.0120	-	-	-	-	-	12	0.0047
Total Fish Caught	48	0.7295	633	0.9525	85	1.0303	8	2.0000	1,589	0.6224	
Total Hours Fished	65.8	665.8		82.5			4.0		2,553.0		

Table 12c.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 9

SPECIES	METHOD				LURE			
	Casting	Still Fishing	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
Channel Catfish	-	-	3	0.0020	1	0.0182	-	-
Flathead Catfish	-	-	4	0.0027	-	-	1	0.0008
Northern Pike	4	0.0058	4	0.0027	-	-	4	0.0032
White Bass	2	0.0029	15	0.0100	2	0.0364	15	0.0118
Yellow Perch	-	-	6	0.0040	3	0.0545	3	0.0024
Sauger	366	0.5304	811	0.5418	5	0.0909	675	0.5321
Walleye	140	0.2029	253	0.1690	1	0.0182	181	0.1427
Largemouth Bass	1	0.0014	-	-	-	-	1	0.0008
Bluegill	1	0.0014	2	0.0013	1	0.0182	2	0.0016
White Crappie	1	0.0014	-	-	-	-	1	0.0008
Black Crappie	5	0.0072	6	0.0040	1	0.0182	9	0.0071
Drum - Sheepshead	-	-	16	0.0107	7	0.1273	9	0.0071
Total Fish Caught	520	0.7536	1,120	0.7482	21	0.3818	901	0.7103
Total Hours Fished	690.0		1,497.0		55.0		1,268.5	

Table 12c. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 9

SPECIES	LURE						FLY		
	Other Live Bait	Total Live Bait	Number Fish Per Man-Hour	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	
Channel Catfish	-	1	0.0007	-	-	-	-	-	-
Flathead Catfish	1	0.0588	2	0.0015	2	0.0034	-	-	-
Northern Pike	-	-	4	0.0030	2	0.0034	2	0.0146	-
White Bass	-	-	17	0.0127	-	-	-	-	-
Yellow Perch	-	-	6	0.0045	-	-	-	-	-
Sauger	13	0.7647	693	0.5170	340	0.5700	84	0.6153	2
Walleye	2	0.1176	184	0.1573	148	0.2481	31	0.2271	2
Largemouth Bass	-	-	1	0.0007	-	-	-	-	-
Bluegill	-	-	3	0.0022	-	-	-	-	-
White Crappie	-	-	1	0.0007	-	-	-	-	-
Black Crappie	-	-	10	0.0075	1	0.0017	-	-	-
Drum - Sheepshead	-	-	16	0.0119	-	-	-	-	-
Total Fish Caught	16	0.9412	938	0.6997	493	0.8265	117	0.8571	4
Total Hours Fished	17.0	1,340.5			596.5	136.5		10.5	0.3815

Table 12c. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOL 9

SPECIES	LURE						Number of Fish Man-Hour	Number of Fish Man-Hour	Number of Fish Man-Hour	Number of Fish Man-Hour	Total
	Other Artificial	Total Artificial	Number Fish Per of Fish Man-Hour	Fish Per of Fish Man-Hour	Multiple Live and Artificial	Prepared					
Channel Catfish	-	-	-	-	-	-	2	0.2666	3	0.0013	
Flathead Catfish	-	-	2	0.0026	-	-	-	-	4	0.0018	
Northern Pike	-	-	4	0.0052	-	-	-	-	8	0.0036	
White Bass	-	-	-	-	-	-	-	-	17	0.0077	
Yellow Perch	-	-	-	-	-	-	-	-	6	0.0027	
Sauger	11	0.5238	437	0.5712	47	0.6308	-	-	1,177	0.5381	
Walleye	10	0.4761	191	0.2496	18	0.2416	-	-	393	0.1796	
Largemouth Bass	-	-	-	-	-	-	-	-	1	0.0004	
Bluegill	-	-	-	-	-	-	-	-	3	0.0013	
White Crappie	-	-	-	-	-	-	-	-	1	0.0004	
Black Crappie	-	-	1	0.0013	-	-	-	-	11	0.0050	
Drum - Sheepshead	-	-	-	-	-	-	-	-	16	0.0073	
Total Fish Caught	21	1.0000	635	0.8299	65	0.8725	2	0.2667	1,640	0.7499	
Total Hours Fished		21.0		764.5		74.5		7.5		2,187.0	

Table 12d.

ACTUAL CATCH PER MAN HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOLS 7, 8, AND 9

SPECIES	METHOD			LURE				
	Casting	Still Fishing	Worms	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	
Northern Redhorse	-	-	3	0.0012	2	0.0206	-	
Carp	-	-	2	0.0008	-	-	-	
Channel Catfish	1	0.0005	14	0.0056	1	0.0103	3	0.0010
Flathead Catfish	1	0.0005	8	0.0032	-	-	4	0.0013
Northern Pike	4	0.0021	7	0.0028	-	-	5	0.0017
White Bass	7	0.0037	44	0.0177	13	0.1340	33	0.0112
Yellow Perch	15	0.0079	25	0.0101	7	0.0729	18	0.0061
Sauger	957	0.5095	2,046	0.8270	18	0.1855	1,697	0.5801
Walleye	411	0.2188	551	0.2009	8	0.0824	400	0.1367
Smallmouth Bass	-	-	1	0.0004	-	-	1	0.0003
Largemouth Bass	1	0.0005	1	0.0004	-	-	2	0.0006
Bluegill	2	0.0010	12	0.0048	3	0.0309	11	0.0037
Rock Bass	-	-	8	0.0032	-	-	8	0.0027
White Crappie	2	0.0010	4	0.0016	1	0.0103	4	0.0013
Black Crappie	28	0.0149	42	0.0169	7	0.0729	57	0.0194
Drum - Sheepshead	-	-	35	0.0141	9	0.0927	16	0.0054
Total Fish Caught	1,429	0.7604	2,803	1.1339	69	0.7113	2,259	0.7723
Total Hours Fished	1,877.7		2,471.7		97.0		2,925.2	

Table 12d. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOLS 7, 8, AND 9

SPECIES	LURE						FLY					
	Other Live Bait	Total Live Bait	Sonar	Jig	Number Fish Per Man-Hour	Fish Per Man-Hour	Number Fish Per Man-Hour	Fish Per Man-Hour	Number Fish	Fish Per Man-Hour	Number Fish	Fish Per Man-Hour
Northern Redhorse	-	-	2	0.0006	-	-	1	0.0029	-	-	-	-
Carp	-	-	-	0.0014	-	-	-	-	-	-	-	-
Channel Catfish	1	0.0192	5	0.0016	-	-	-	-	-	-	-	-
Flathead Catfish	1	0.0192	5	0.0016	3	0.0022	-	-	1	0.0181	-	-
Northern Pike	-	-	5	0.0016	4	0.0029	2	0.0059	-	-	-	-
White Bass	-	-	46	0.0014	2	0.0014	1	0.0029	-	-	-	-
Yellow Perch	-	-	25	0.0081	3	0.0022	6	0.0177	-	-	-	-
Sauger	29	0.5576	1,744	0.5673	865	0.6397	200	0.5917	52	0.9454	-	-
Walleye	9	0.1730	417	0.1356	329	0.2433	113	0.3343	10	0.1818	-	-
Smallmouth Bass	-	-	1	0.0003	-	-	-	-	-	-	-	-
Largemouth Bass	-	-	2	0.0006	-	-	-	-	-	-	-	-
Bluegill	-	-	14	0.0045	-	-	-	-	-	-	-	-
Rock Bass	-	-	8	0.0026	-	-	-	-	-	-	-	-
White Crappie	-	-	5	0.0016	1	0.0007	-	-	-	-	-	-
Black Crappie	-	-	64	0.0208	2	0.0014	-	-	4	0.0727	-	-
Drum - Sheepshead	-	-	25	0.0081	8	0.0059	-	-	2	0.3636	-	-
Total Fish Caught	40	0.7692	2,368	0.7703	1,219	0.9016	323	0.9556	69	1.2545	-	-
Total Hours Fished					1			.5		.5		

Table 12d. (continued)

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH CAUGHT WITH VARIOUS METHODS AND LURES IN POOLS 7, 8, AND 9

SPECIES	LURE						Number of Fish Fished	Number of Fish Caught	Total
	Other Artificial	Total Artificial	Multiples Live and Artificial	Prepared	Fish Per Man-Hour	Fish Per Man-Hour			
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour			
Northern Redhorse	-	-	1	0.0005	-	-	-	-	4 0.0008
Carp	-	-	2	0.0010	-	-	-	-	2 0.0004
Channel Catfish	-	-	-	-	-	-	10 0.8333	15	0.0029
Flathead Catfish	-	-	4	0.0021	-	-	-	-	9 0.0018
Northern Pike	-	-	6	0.0032	-	-	-	-	11 0.0022
White Bass	1	0.0107	4	0.0021	1	0.0055	-	-	50 0.0098
Yellow Perch	-	-	9	0.0048	6	0.0335	-	-	40 0.0078
Sauger	34	0.3655	1,151	0.6245	108	0.6035	-	-	3,003 0.5881
Walleye	40	0.4301	492	0.2669	53	0.2960	-	-	962 0.1884
Smallmouth Bass	-	-	-	-	-	-	-	-	1 0.0002
Largemouth Bass	-	-	-	-	-	-	-	-	2 0.0007
Bluegill	-	-	-	-	-	-	-	-	14 0.0027
Rock Bass	-	-	-	-	-	-	-	-	8 0.0016
White Crappie	-	-	1	0.0005	-	-	-	-	6 0.0012
Black Crappie	-	-	6	0.0032	-	-	-	-	70 0.0137
Drum - Sheepshead	-	-	10	0.0054	-	-	-	-	35 0.0069
Total Fish Caught	75	0.8064	1,686	0.9148	168	0.9384	10	0.8333	4,232 0.8289
Total Hours Fished	92.8	1,842.8	178.5		11.5				5,106.5

Table 13a.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 7

SPECIES	OCTOBER			NOVEMBER			TOTAL FOR OCTOBER AND NOVEMBER			
	Boat	Bank	Barge	Boat	Bank	Barge	Boat	Bank	Barge	Grand Total
Northern Redhorse	18	-	-	18	-	-	-	18	-	-
Carp	-	-	9	9	16	-	16	16	-	18
Channel Catfish	-	-	18	18	16	-	16	16	-	25
Flathead Catfish	-	-	9	9	-	-	-	-	18	34
Northern Pike	-	-	9	9	-	-	-	-	9	9
White Bass	-	-	9	9	16	-	16	16	-	9
Yellow Perch	-	-	37	37	-	-	22	22	-	25
Sauger	3,230	1,116	2,384	6,730	3,459	19	815	4,293	6,689	11,023
Walleye	698	-	379	1,077	666	28	326	1,020	1,364	2,097
Smallmouth Bass	-	-	9	9	-	-	-	-	28	705
Bluegill	-	-	18	18	-	-	-	-	9	9
Rock Bass	-	-	37	37	-	-	-	-	-	18
White Crappie	-	-	9	9	16	-	-	-	-	18
Black Crappie	18	-	83	101	325	-	-	16	16	37
Freshwater Drum	35	-	46	81	-	-	325	343	-	426
Projected Number of Fishermen	1,271	279	856	2,406	1,146	30	538	1,714	2,417	309
Projected Number of Fish	3,999	1,116	3,056	8,171	4,514	47	1,163	5,724	8,513	1,163
Projected Hours Fished	3597.2	558.0	4274.7	8429.9	4011.0	51.7	1345.0	5407.7	7608.2	609.7
Projected Fish Per Hour	1.1117	2.000	0.7149	0.9693	1.1254	0.9091	0.8650	1.0586	1.1189	1.9065
										1.0041

Table 13b.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 8

SPECIES	OCTOBER			NOVEMBER			TOTAL FOR OCTOBER AND NOVEMBER				
	Boat	Bank	Barge	Boat	Bank	Barge	Total	Boat	Bank	Barge	Grand Total
Northern Redhorse	-	-	22	22	-	-	-	-	-	-	22
Channel Catfish	140	-	11	151	-	-	-	140	-	-	151
Flathead Catfish	18	-	33	51	-	-	-	18	-	-	51
Northern Pike	-	-	11	11	-	-	7	7	-	-	11
White Bass	-	-	325	325	-	-	22	22	-	-	347
Yellow Perch	53	-	78	131	20	-	118	138	73	-	269
Sauger	5,107	737	4,708	10,552	4,748	-	790	5,538	9,855	737	16,090
Walleye	1,154	-	941	2,095	3,036	-	746	3,782	4,190	-	5,877
Largemouth Bass	18	-	-	18	-	-	-	18	-	-	18
Bluegill	35	-	78	113	-	-	-	35	-	-	113
Rock Bass	18	-	33	51	-	-	-	18	-	-	51
White Crappie	35	-	11	46	-	-	-	35	-	-	46
Black Crappie	87	-	269	356	-	-	-	87	-	-	269
Freshwater Drum	122	-	56	178	-	-	-	122	-	-	178
Projected Number of Fishermen	4,366	246	1,363	5,975	2,547	0	4,572	7,119	6,913	246	5,935
Projected Number of Fish	6,787	737	6,576	14,100	7,804	0	1,683	9,487	14,591	737	8,259
Projected Hours Fished	8382.0	860.0	6420.0	15662.0	9169.0	0	2284.5	11453.5	17551.0	860.0	8704.5
Projected Fish Per Hour	0.8097	0.8571	1.0248	0.9002	0.8511	0	0.7367	0.8283	0.8313	0.9487	0.8698

Table 17c.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOL 9

SPECIES	OCTOBER			NOVEMBER			TOTAL FOR OCTOBER AND NOVEMBER			Grand Total		
	Boat	Bank	Barge	Total	Boat	Bank	Barge	Total	Boat	Bank	Barge	
Channel Catfish	32	18	-	50	-	-	-	-	32	18	-	50
Flathead Catfish	32	18	21	71	-	-	-	-	32	18	21	71
Northern Pike	-	73	43	116	-	-	29	29	-	73	72	145
White Bass	-	272	43	315	-	-	-	-	-	272	43	315
Yellow Perch	-	54	43	97	-	-	14	14	-	54	57	111
Sauger	2,388	3,598	7,431	13,417	2,339	408	4,530	7,277	4,727	4,006	14,708	23,441
Walleye	705	545	1,916	3,166	1,473	67	2,069	3,609	2,178	612	3,985	6,775
Largemouth Bass	16	-	-	16	-	-	-	-	16	-	-	16
Bluegill	16	-	43	59	-	-	-	-	16	-	43	59
White Crappie	16	-	-	16	-	-	-	-	16	-	-	16
Black Crappie	64	18	127	209	-	-	-	-	64	18	127	209
Freshwater Drum	-	236	64	300	-	-	-	-	-	236	64	300
Projected Number of Fishermen	2,188	1,120	3,946	7,254	1,498	184	1,265	2,947	3,686	1,304	5,211	10,201
Projected Number of Fish	3,269	4,832	9,731	17,832	3,812	475	6,642	10,929	7,081	5,307	16,373	28,761
Projected Hours Fished	4375.0	6160.0	14796.0	25331.0	4493.0	1092.0	7590.0	13175.0	8868.0	7252.0	22386.0	38506.0
Projected Fish Per Hour	0.7473	0.7847	0.6576	0.7093	0.8484	0.4348	0.8752	0.8295	0.8796	0.7317	0.7313	0.7469

Table 13d.

PROJECTED CATCH OF FISH BY TYPE OF FISHING DURING EACH MONTH IN POOLS 7, 8, AND 9

SPECIES	OCTOBER			NOVEMBER			TOTAL FOR OCTOBER AND NOVEMBER					
	Boat	Bank	Barge	Total	Boat	Bank	Barge	Total	Boat	Bank	Barge	Grand Total
Northern Redhorse	18	-	22	40	-	-	-	-	18	-	-	40
Carp	-	-	9	16	-	-	-	16	16	-	9	25
Channel Catfish	172	18	29	219	16	16	-	16	188	18	18	235
Flathead Catfish	50	18	63	131	-	-	-	-	50	18	63	131
Northern Pike	-	73	63	136	-	-	36	36	-	73	99	172
White Bass	-	597	377	974	16	-	22	38	-	597	399	996
Yellow Perch	53	54	158	265	20	-	154	174	73	54	312	439
Sauger	10,725	5,451	14,523	30,699	10,546	427	6,135	17,108	21,271	5,878	20,658	47,807
Walleye	2,557	545	3,236	6,338	5,175	95	6,177	11,447	7,732	640	9,413	17,850
Smallmouth Bass	-	-	9	9	-	-	-	-	-	-	9	9
Largemouth Bass	44	-	-	44	-	-	-	-	44	-	-	44
Bluegill	51	-	139	190	-	-	-	-	51	-	139	190
Rock Bass	18	-	70	88	-	-	-	-	18	-	70	88
White Crappie	51	-	30	81	16	-	-	-	16	67	-	30
Black Crappie	169	18	479	666	325	-	-	-	325	494	18	479
Freshwater Drum	157	236	166	559	-	-	-	-	157	236	166	559
Projected Number of Fishermen	7,825	1,645	11,378	15,635	5,191	214	6,375	11,780	13,016	1,859	12,540	27,415
Projected Number of Fish	14,055	6,685	19,363	40,103	1,613	522	9,488	26,140	30,185	7,207	28,851	66,243
Projected Hours Fished	16354.2	7578.0	25490.7	49422.9	17673.0	1143.7	11219.5	30036.2	34027.2	8721.7	36710.2	79459.1
Projected Fish Per Hour	0.8594	0.8821	0.7596	0.8114	0.9126	0.4562	0.8456	0.8703	0.8870	0.8263	0.7859	0.8336

Table 14a.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH
CAUGHT DURING EACH MONTH ON POOL 7

<u>SPECIES</u>	<u>OCTOBER</u>		<u>NOVEMBER</u>		<u>TOTAL</u>	
	<u>Number of Fish</u>	<u>Fish Per Man-Hour</u>	<u>Number of Fish</u>	<u>Fish Per Man-Hour</u>	<u>Number of Fish</u>	<u>Fish Per Man-Hour</u>
Northern Redhorse	1	0.0015	-	-	1	0.0009
Carp	1	0.0015	1	0.0023	2	0.0018
Channel Catfish	2	0.0030	1	0.0023	3	0.0027
Flathead Catfish	1	0.0015	-	-	1	0.0009
Northern Pike	1	0.0015	-	-	1	0.0009
White Bass	1	0.0015	1	0.0023	2	0.0018
Yellow Perch	4	0.0060	3	0.0069	7	0.0063
Sauger	446	0.6652	325	0.7488	771	0.6981
Walleye	81	0.1208	88	0.2028	169	0.1530
Smallmouth Bass	1	0.0015	-	-	1	0.0009
Bluegill	2	0.0030	-	-	2	0.0018
Rock Bass	4	0.0060	-	-	4	0.0036
White Crappie	1	0.0015	1	0.0023	2	0.0018
Black Crappie	10	0.0149	20	0.0461	30	0.0272
Freshwater Drum	7	0.0104	-	-	7	0.0063
Total Fish Caught	563	0.8397	440	1.0138	1,003	0.9081
Total Hours Fished	670.5		434.0		1,104.5	

Table 14b.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH
CAUGHT DURING EACH MONTH ON POOL 8

SPECIES	OCTOBER		NOVEMBER		TOTAL	
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
Northern Redhorse	2	0.0019	-	-	2	0.0011
Channel Catfish	9	0.0085	-	-	9	0.0050
Flathead Catfish	4	0.0038	-	-	4	0.0022
Northern Pike	1	0.0009	1	0.0013	2	0.0011
White Bass	29	0.0275	3	0.0039	32	0.0176
Yellow Perch	10	0.0095	17	0.0224	27	0.0149
Sauger	715	0.6774	340	0.4477	1,055	0.5813
Walleye	150	0.1421	250	0.3292	400	0.2204
Largemouth Bass	1	0.0009	-	-	1	0.0006
Bluegill	9	0.0085	-	-	9	0.0050
Rock Bass	4	0.0038	-	-	4	0.0022
White Crappie	3	0.0028	-	-	3	0.0017
Black Crappie	29	0.0275	-	-	29	0.0160
Freshwater Drum	12	0.0114	-	-	12	0.0066
Total Fish Caught	978	0.9266	611	0.8045	1,589	0.8755
Total Hours Fished	1,055.5		759.5		1,815.0	

Table 14c.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH
CAUGHT DURING EACH MONTH ON POOL 9

SPECIES	OCTOBER		NOVEMBER		TOTAL	
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
Channel Catfish	3	0.0023	-	-	3	0.0014
Flathead Catfish	4	0.0031	-	-	4	0.0018
Northern Pike	6	0.0046	2	0.0023	8	0.0037
White Bass	17	0.0130	-	-	17	0.0078
Yellow Perch	5	0.0038	1	0.0011	6	0.0027
Sauger	696	0.5325	481	0.5466	1,177	0.5382
Walleye	164	0.1255	229	0.2602	393	0.1797
Largemouth Bass	1	0.0008	-	-	1	0.0005
Bluegill	3	0.0023	-	-	3	0.0014
White Crappie	1	0.0008	-	-	1	0.0005
Black Crappie	11	0.0084	-	-	11	0.0050
Freshwater Drum	16	0.0122	-	-	16	0.0073
Total Fish Caught	927	0.7093	713	0.8102	1,640	0.7499
Total Hours Fished	1,307.0		880.0		2,187.0	

Table 14d.

ACTUAL CATCH PER MAN-HOUR AND NUMBER OF FISH
CAUGHT DURING EACH MONTH ON POOLS 7, 8, AND 9

SPECIES	OCTOBER		NOVEMBER		TOTAL	
	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour	Number of Fish	Fish Per Man-Hour
Northern Redhorse	4	0.0013	-	-	4	0.0008
Carp	1	0.0003	1	0.0005	2	0.0004
Channel Catfish	14	0.0046	1	0.0005	15	0.0029
Flathead Catfish	9	0.0030	-	-	9	0.0018
Northern Pike	8	0.0026	3	0.0014	11	0.0022
White Bass	46	0.0152	4	0.0019	50	0.0098
Yellow Perch	19	0.0063	21	0.0101	40	0.0078
Sauger	1,857	0.6123	1,146	0.5527	3,003	0.5881
Walleye	395	0.1302	567	0.2735	962	0.1884
Smallmouth Bass	1	0.0003	-	-	1	0.0002
Largemouth Bass	2	0.0007	-	-	2	0.0004
Bluegill	14	0.0046	-	-	14	0.0027
Rock Bass	8	0.0026	-	-	8	0.0016
White Crappie	5	0.0016	1	0.0005	6	0.0012
Black Crappie	50	0.0165	20	0.0096	70	0.0137
Freshwater Drum	35	0.0115	-	-	35	0.0069
Total Fish Caught	2,468	0.8136	1,764	0.8507	4,232	0.8289
Total Hours Fished	3,033.0		2,073.5		5,106.5	

Table 15.

LENGTH FREQUENCY OF SAUGER CAUGHT WITH
SONARS IN THE TAILWATERS OF POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
9.0 - 9.9	2	2	1	5
10.0 - 10.9	25	16	11	52
11.0 - 11.9	47	40	29	116
12.0 - 12.9	73	91	96	260
13.0 - 13.9	78	86	145	309
14.0 - 14.9	38	17	45	100
15.0 - 15.9	2	4	6	12
16.0 - 16.9	-	2	3	5
17.0 - 17.9	1	-	1	2
18.0 - 18.9	-	-	2	2
19.0 - 19.9	-	-	-	-
20.0 - 20.9	-	1	1	2
Total	266	259	340	865
Average Length	12.6	12.7	13.0	12.8
Average Length of Sauger Taken By Other Methods	12.6	12.6	12.7	12.6

Table 16.

LENGTH FREQUENCY OF WALLEYE CAUGHT WITH
SONARS IN THE TAILWATERS OF POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
10.0 - 10.9	3	3	4	10
11.0 - 11.9	11	7	7	25
12.0 - 12.9	15	18	16	49
13.0 - 13.9	18	21	30	69
14.0 - 14.9	15	27	39	81
15.0 - 15.9	4	10	27	41
16.0 - 16.9	10	11	11	32
17.0 - 17.9	1	3	5	9
18.0 - 18.9	1	1	1	3
19.0 - 19.9	-	1	3	4
20.0 - 20.9	1	-	3	4
21.0 - 21.9	-	-	2	2
Total	79	102	148	329
Average Length	13.7	13.9	14.7	14.1
Average Length of Walleye Taken By Other Methods	13.6	14.4	14.9	14.3

Table 17a.

LENGTH FREQUENCY OF SAUGER CAUGHT DURING THE
MONTH OF OCTOBER IN POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
9.0 - 9.9	4	17	12	33
10.0 - 10.9	41	43	49	133
11.0 - 11.9	87	113	100	300
12.0 - 12.9	128	273	248	649
13.0 - 13.9	134	219	211	564
14.0 - 14.9	42	39	53	134
15.0 - 15.9	4	6	14	24
16.0 - 16.9	1	3	5	9
17.0 - 17.9	4	2	2	8
18.0 - 18.9	-	-	1	1
19.0 - 19.9	1	-	-	1
20.0 - 20.9	-	-	1	1
Total	446	715	696	1,857
Average Length	12.5	12.5	12.5	12.5

Table 17b.

LENGTH FREQUENCY OF SAUGER CAUGHT DURING THE
MONTH OF NOVEMBER IN POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
8.0 - 8.9	1	-	1	2
9.0 - 9.9	2	-	1	3
10.0 - 10.9	19	19	25	63
11.0 - 11.9	57	31	37	125
12.0 - 12.9	99	103	121	323
13.0 - 13.9	97	118	190	405
14.0 - 14.9	35	44	74	153
15.0 - 15.9	11	16	17	44
16.0 - 16.9	2	5	9	16
17.0 - 17.9	1	2	2	5
18.0 - 18.9	-	1	4	5
19.0 - 19.9	1	-	-	1
20.0 - 20.9	-	1	-	1
Total	325	340	481	1,146
Average Length	12.7	12.8	13.0	12.8

Table 18a.

LENGTH FREQUENCY OF WALLEYE CAUGHT DURING
THE MONTH OF OCTOBER IN POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
10.0 - 10.9	3	3	10	16
11.0 - 11.9	5	12	10	27
12.0 - 12.9	17	17	27	61
13.0 - 13.9	13	34	32	79
14.0 - 14.9	18	36	41	95
15.0 - 15.9	12	25	26	63
16.0 - 16.9	7	10	9	26
17.0 - 17.9	1	5	4	10
18.0 - 18.9	2	1	1	4
19.0 - 19.9	1	2	2	5
20.0 - 20.9	-	1	1	2
21.0 - 21.9	-	3	-	3
22.0 - 22.9	1	-	1	2
23.0 - 23.9	1	-	-	1
24.0 - 24.9	-	1	-	1
Total	81	150	164	395
Average Length	14.3	14.7	14.9	14.6

Table 18b.

LENGTH FREQUENCY OF WALLEYE CAUGHT DURING
THE MONTH OF NOVEMBER IN POOLS 7, 8, AND 9

Length (inches)	Pool 7	Pool 8	Pool 9	Total - All Pools
9.0 - 9.9	-	-	1	1
10.0 - 10.9	5	5	2	12
11.0 - 11.9	18	22	11	51
12.0 - 12.9	17	39	23	79
13.0 - 13.9	15	44	40	99
14.0 - 14.9	11	51	57	119
15.0 - 15.9	8	34	36	78
16.0 - 16.9	6	38	23	67
17.0 - 17.9	5	6	10	21
18.0 - 18.9	2	2	9	13
19.0 - 19.9	-	6	6	12
20.0 - 20.9	1	2	4	7
21.0 - 21.9	-	-	4	4
22.0 - 22.9	-	-	1	1
23.0 - 23.9	-	-	2	2
24.0 - 24.9	-	-	-	-
25.0 - 25.9	-	1	-	1
Total	88	250	229	567
Average Length	13.5	14.2	14.9	14.2

Table 19.

SOME COMPARISONS BETWEEN THE 1973 SPRING AND FALL TAILWATER SPORT FISHERY IN POOL 7

	March	April	March and April Combined	October	November	October and November Combined
Anglers Interviewed	300	403	703	247	179	426
Projected Number of Anglers	1,467	3,771	5,238	2,406	1,714	4,120
Projected Hours Fished	4,872	12,525	17,397	8,430	5,408	13,838
Projected Catch of Walleye And Sauger	2,995	5,739	8,734	7,807	5,313	13,120
Catch Per Man-Hour of Walleye and Sauger	0.6422	0.4706	0.5437	0.7853	0.9516	0.8511
Catch Per Man-Hour of All Species	0.9509	0.7328	0.8257	0.8397	1.0138	0.9081
Average Size of Walleye in the Catch (inches)	12.7	12.6	12.7	14.3	13.5	13.9
Average Size of Sauger in the Catch (inches)	12.7	12.6	12.6	12.5	12.7	12.6
Percent of Walleye Over 20.0 Inches in the Catch	2.3	1.8	2.1	2.5	1.3	1.9

Table 20.

SOME COMPARISONS BETWEEN POOLS 7, 8, AND 9 IN THE FALL CREEL CENSUS

	POOL 7			POOL 8			POOL 9		
	October	November	Total	October	November	Total	October	November	Total
Anglers Interviewed	247	179	426	347	272	619	459	320	779
Projected Number of Anglers	2,406	1,714	4,120	5,975	7,119	13,094	7,254	2,947	10,201
Projected Hours Fished	8,430	5,408	13,838	15,662	11,454	27,116	25,331	13,175	38,506
Projected Catch of Walleye and Sauger	7,807	5,313	13,120	12,647	9,320	21,967	16,583	10,886	27,469
Catch Per-Hour of Walleye and Sauger	0.7853	0.9516	0.6981	0.8195	0.7769	0.8017	0.6580	0.8068	0.7179
Catch Per-Hour of All Species	0.8397	1.0138	0.9267	0.9266	0.8045	0.8655	0.7093	0.8102	0.7597
Average Size of Walleye in Catch (inches)	14.3	13.5	13.9	14.7	14.2	14.5	14.9	14.9	14.9
Average Size of Sauger in Catch (inches)	12.5	12.7	12.6	12.5	12.8	12.7	12.5	13.0	12.8
Percent of Walleye Over 20.0 Inches in the Catch	2.3	1.8	2.1	3.3	1.2	2.2	.6	4.8	2.7

Figure 1. General Mississippi River Map.

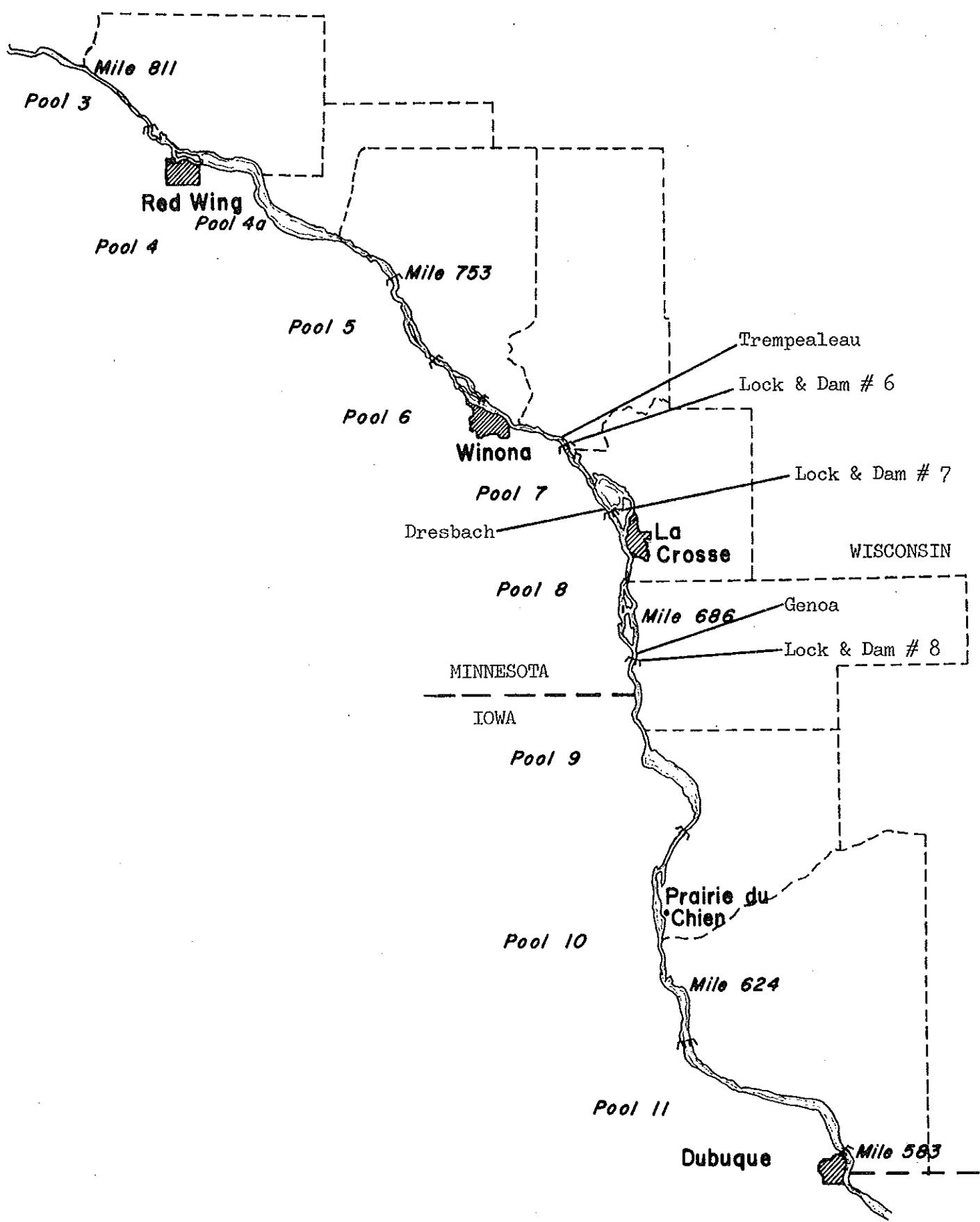


Figure 2.

CREEL CENSUS - COVER SHEET
FORM 3600-51

DEPARTMENT OF NATURAL RESOURCES

Card Type 3
(cc80)

Pool and Section Number _____

DATE: Month _____ Day _____ Year _____

CONTACT SCHEDULE: Early _____ Late _____

Time of Beginning Angler Count _____

Time of Ending Angler Count _____

Total Time Spent on Count and Contacts _____

TOTAL NUMBER OF FISHERMEN COUNTED IN SECTION

Boat _____

Wading or Bank _____

Barge _____

Ice _____

Air Temperature _____

Water Temperature _____

WATER LEVEL: High _____ Low _____ Normal _____

Rising _____ Dropping _____

WEATHER: Clear _____ Cloudy _____ Bright _____ Overcast _____

Rain _____ Snow _____ Wind (over 15 mph) _____

Other _____

REMARKS: _____

(Other factors affecting fishing)

OBSERVER -----

Figure 3.

Card Type 1
(cc80)CREEL CENSUS
FORM 3600-42

DEPARTMENT OF NATURAL RESOURCES

Interview No. _____ Pool and Section No. _____
 Date: Month _____ Day _____ Year _____
 Waters _____ Habitat Type _____
 Statutory Waters Fished: Wis. _____ Minn. _____ Ia. _____ Multiple _____
 Site: Boat _____ Wading or Bank _____ Barge _____ Ice _____
 Method: Cast _____ Still _____ Troll _____ Multiple _____
 Bait: Minnows _____ Worms _____ Other Live Bait _____ Jig _____ Fly _____
 Other Artificial Bait _____ Prepared Bait _____
 Multiple (Live & Artificial) _____ Sonar _____
 Residence: City _____ State _____
 County _____
 Access: Private _____ Public _____
 Fishing Trip: Complete _____ Incomplete _____
 Sex and Age: Male _____ Female _____ Age _____
 Time of Day: Morning _____ Midday _____ Afternoon _____

12	1	2	3	4	5	6	7	8	9	10	11	12	a.m.
													p.m.

Total Hours _____

Primary Species Sought _____

Card Type 2
(cc80)

SPECIES	CODE	NUMBER CODE
Bluegill	2 8 6	_____
Black Crappie	2 9 1	_____
Yellow Perch	2 5 0	_____
White Crappie	2 9 0	_____
Sauger	2 5 1	_____
Northern Pike	2 0 6	_____
White Bass	2 4 0	_____
Walleye	2 5 2	_____
Largemouth Bass	2 8 1	_____
Rock Bass	2 8 9	_____
Freshwater Drum	3 0 5	_____
Smallmouth Bass	2 8 0	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____